

CLAIMS

What is claimed is:

- 5 1. A warning light for alerting pedestrians and passenger vehicle operators of an approaching emergency vehicle, for mounting on a traffic light pole, comprising:

10 a warning light housing having a front surface and two substantially rectangular openings which extend fully through the front surface of the warning light housing, a white light and blue light within the housing, the white light visible through one of the rectangular openings and the white light visible through the other of the rectangular openings;

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an audio sensor unit, for detecting ambient sound at the warning light housing;

20 a frequency discriminator, for analyzing the ambient sound detected by the audio sensor unit, and providing an isolated signal of frequencies associated with emergency vehicle sirens; and

25 a control unit for alternatively flashing the white and blue lights when the isolated signal indicates the significant presence of frequencies associated with emergency

vehicle sirens, for warning pedestrians and passenger vehicle operators of the approach of emergency vehicles.

2. The warning light as recited in claim 1, wherein the upper
5 surface of the warning light housing has an anchor extending therefrom for attachment to the traffic light pole.

3. The warning light as recited in claim 2, further comprising a comparator and a reference supply, the
10 compoarator comparing the isolated signal to the reference supply for producing an output used by the control unit to initiate the flashing of the white and blue lights when the isolated signal exceeds a threshold value set by the reference supply.

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4. The warning light as recited in claim 3, further comprising an audio sensor housing having a front surface aligned with the front surface of the warning light housing, and an upper surface that is attached to the lower surface of
20 the warning light housing, wherein the front surface of the audio sensor housing has an aperture, and wherein ambient sounds enter the sound sensor through said aperture.